

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007776

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C69/734 C07C59/60 A61K31/192 A61K31/216 A61P3/06
A61P3/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, INSPEC, PAJ, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KATSUDA, YOSHIO ET AL: "Insecticides" XP002274456 retrieved from STN Database accession no. 88:46409 abstract & JP 52 070021 A (DAINIPPON JOCHUGIKU CO., LTD., JAPAN) 10 June 1977 (1977-06-10) page 147, paragraph 32</p> <p>-----</p> <p style="text-align: center;">-/--</p>	1-4

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

Date of mailing of the International search report

21 December 2004

29/12/2004

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Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	<p>LIN LI HE: "Enantioselective Synthesis of a Novel Trans Double Bond Ceramide Analogue via Catalytic Asymmetric Dihydroxylation of an Enyne" J.A.C.S., no. 121, 1999, pages 3897-3903, XP002274453 page 3899, column G; figure 1 composé 5a</p> <p>-----</p>	1-4
X	<p>MARIKO ASO: "Successive Michael Reaction-Sigmatropic Rearrangement of Polyquinones with Silyl Ketene Acetals" J.O.C., vol. 54, no. 23, 1989, pages 5597-5603, XP002274454 page 5599, column D; figure IV composé 20</p> <p>-----</p>	1-4
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SAVARD JACQUES: "Reactions of ketene acetals-14. the use of simple mixed vinylketene acetals in the annulation of quinones" XP002274458 Database accession no. 1985:131682 RN 95393-63-8 abstract & TETRAHEDRON, vol. 40, no. 18, 1984, pages 3455-3464,</p> <p>-----</p> <p>-/-</p>	1,5

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Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DOYLE M P ET AL: "Chiral catalyst enhancement of diastereocontrol for O@?H insertion reactions of styryl- and phenyldiazoacetate esters of pantolactone" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 43, no. 34, 19 August 2002 (2002-08-19), pages 5929-5931, XP004373202 ISSN: 0040-4039 composé 3 page 5930, column G; figure 1	1,5,6,8, 10
X	DAVIES H M L ET AL: "Regiochemistry of molybdenum-catalyzed O-H insertions of vinylcarbenoids" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 41, no. 25, June 2000 (2000-06), pages 4851-4854, XP004205669 ISSN: 0040-4039 composé 5a page 4852; figure 1	1,5
X	Y. LANDAIS: "A stereospecific access to allylic systems using Rhodium(II)-vinyl carbenoid insertion into Si-H, O-H and N-H bonds" J.ORG.CHEM., no. 62, 1997, pages 1630-1641, XP002274455 page 1633, column D; figure 8; table 2	10
X	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; JAROSZ SLAWOMIR: XP002274459 Database accession no. 3898752 abstract & TETRAHEDRON, vol. 38, no. 10, 1982, pages 1447-1452,	9
X	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; GUSS: XP002274460 Database accession no. 439330 abstract & J.A.C.S., no. 71, 1949, page 3460, -/-	12

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26, 1 July 2002 (2002-07-01) & JP 2001 261612 A (MITSUI CHEMICALS INC), 26 September 2001 (2001-09-26) abstract -----	1-15

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